1. (Currently Amended) An octahedron puzzle arrangement comprised of a plurality of radially interlocking tetrahedral and octahedral components for permitting rotation of a plane of such components about an axis perpendicular to said plane of components, comprising:

an inner core octahedral member having eight faces;

an inner core of tetrahedral members each rotationally attached to one of said faces of said octahedral core member;

a second radially outwardly disposed set ~~layer consisting~~ of octahedral components having portions extending radially inward of and under and captured by said inner core ~~of~~ tetrahedral member ~~members~~, said octahedral components ~~tetrahedral members~~ each having two faces displayed on ~~[[a]]~~ an outer surface of said octahedral puzzle; and

a third set of members ~~radially outwardly disposed layer~~ consisting of tetrahedral and octahedral members, each of said third set of members ~~of said third layer~~ having at least one face displayed on said surface of said octahedral puzzle, and wherein said third set ~~layer~~ of tetrahedral and octahedral members have a

portion extending radially inwardly to be captured by a portion of said components consisting only of ~~comprising~~ said second set ~~layer~~ without interfering with said tetrahedral members.

2. (Currently Amended) The puzzle arrangement as recited in claim 1, wherein said inner core octahedral [[;]] member has a means for attaching a core tetrahedral component on each of said faces thereon.

3. (Original) The puzzle arrangement as recited in claim 2, wherein said core tetrahedral members have a triangular cap for radial securement and rotational freedom of adjacent edge octahedral members.

4. (Original) The puzzle arrangement as recited in claim 3, wherein said edge octahedral members are radially secured and are permitted rotational freedom by said core tetrahedral members.

5. (Currently Amended) The puzzle arrangement as recited in claim 4, wherein said edge octahedral members each have an undercut portion spaced radially outwardly from said core tetrahedral members for radial securement of an adjacent surface tetrahedral member and surface octahedral member.

6. (Currently Amended) The puzzle arrangement as recited in claim 5, wherein said surface tetrahedral members are radially secured to said puzzle arrangement by an arrangement of feet thereon extending radially inwardly of said edge octahedral.

7. (Original) The puzzle arrangement as recited in claim 6, wherein a vertex octahedral member is radially secured to said puzzle arrangement by an arrangement of feet thereon extending radially inwardly of said surface tetrahedral and said surface octahedral members.

8. (Original) The puzzle arrangement as recited in claim 1, wherein said inner core octahedral member is an eight armed spider.

9. (Original) The puzzle arrangement as recited in claim 8, wherein said core tetrahedral members each consist of an extension to an arm of said eight armed spider member.

10 - 18 (Cancelled).